

Oil Field Environmental Incident Summary

Incident: 20150113174644 **Date/Time of Notice:** 01/13/2015 17:46

Responsible Party: ENDURO OPERATING, LLC

Well Operator: ENDURO OPERATING, LLC

Well Name: E. M. HOLBROOK 14-15

Field Name: WEST GREENE

Well File #: 13665

Date Incident: 1/13/2015 **Time Incident:** 07:00

Facility ID Number:

County: RENVILLE

Twp: 160

Rng: 86

Sec: 14

Qtr:

Location Description:

Submitted By: Scott Hunskor

Received By:

Contact Person: Scott Hunskor
777 MAIN STREET
SUITE 800
FORT WORTH, TX 76102

General Land Use: Cultivated

Affected Medium: Topsoil

Distance Nearest Occupied Building:

Distance Nearest Water Well:

Type of Incident: Tank Leak

Release Contained in Dike: No

Reported to NRC: No

	Spilled	Units	Recovered	Units	Followup	Units
Oil	25	Barrels			0	barrels
Brine	820	Barrels	750	Barrels	750	barrels

Other

Description of Other Released Contaminant:

Inspected:

Written Report Received: 1/12/2017

Clean Up Concluded: 11/16/2016

Risk Evaluation:

none

Areal Extent:

pooled low spot of approx. 75' x 150', with two draining trails to low spot of approximately 25' wide

Potential Environmental Impacts:

top soil for tillage

Action Taken or Planned:

Shut wells in, called tanker trucks to empty dike area, called excavators to clean up area outside of dike. Called verbal NDIC, NDDH, & NDDDES

Wastes Disposal Location: Recovered water hauled to SWD, contaminated soil hauled to PDI

Agencies Involved:**Updates**

Date: 1/14/2015 **Status:** Inspection **Author:** Suess, Bill

Updated Oil Volume: 25.00 barrels

Updated Salt Water Volume: 820.00 barrels

Updated Other Volume:

Updated Other Contaminant

Notes:

All oil was retained on the well pad. Approximately 70 barrels of brine migrated under the berms (no breach in berms was visible) and flowed in two channels and pooled approximately 300 feet east of the pad. The pooled area is approximately 150 feet by 80 feet in area. Visual inspection found no evidence that the brine entered the drainage. Distance to the Souris (Mouse) River via the drainage is approximately 7,500 feet. Enduro pumped 750 barrels of brine off the well pad and is currently excavating impacted soils in the pooled area. Impacted soils are being transported to PDI for disposal.

Date: 1/30/2015 **Status:** Correspondence **Author:** Suess, Bill

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Earthmovers have completed excavation of impacted soils off of the well pad. David Channell of ALL Consulting collected confirmation samples and background samples, as well as upstream samples and downstream samples. Mr Channell will submit a report when lab data is received.

Date: 7/28/2016 **Status:** Inspection

Author: Martin, Russell

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

7/28/2016 at 11:11, on location. Field impacted in spill has been cultivated with wheat. Growth visible in spill path; however, some areas are bare. Electrical conductivity (EC) readings are inconclusive. Some higher readings have wheat growing, while lower EC readings are bare. More follow-up required.

Date: 9/9/2016 **Status:** Correspondence

Author: Martin, Russell

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Phone call with responsible party. Field off site has been cropped twice since the spill. Responsible party would like to scrape off a little more soil in the path of the spill and apply a gypsum and topsoil amendment this fall once the crop has been harvested.